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TITLE : ANTI-INFLAMMATORY AGENT FOR ORAL ADMINISTRATION

ABSTRACT : PURPOSE: To provide a peroral anti-inflammatory agent containing hyaluronic acid as an active component, having little side effect and high safety and useful for the treatment of inflammation of mucous membrane in amygdalitis, pharyngitis and larynxitis.

CONSTITUTION: Hyaluronic acid is used as an active component. The agent can be prepared in various forms such as jelly, a drop-like aqueous agent or a saliva-soluble capsule. Hyaluronic acid is a kind of acidic mucopolysaccharides and widely present between the tissues and in the body fluid of vertebrate animal. Hyaluronic acid can be bonded to the inflammation part of the mucous membrane from the oral cavity to the upper respiratory tract and cure the inflammation by oral administration of hyaluronic acid. In a connective tissue component in a wound healing stage, hyaluronic acid is developed first and, according to the elimination of the acid, chondroitin sulfate is developed to synthesize a collagen, form cicatrices and heal the wound. Early recovery is possible because of the adhesion of hyaluronic acid to the inflammatory mucous membrane, the promotion of exudation of healing substance and the protection of the inflammatory mucous membrane.

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